

Figure 1A

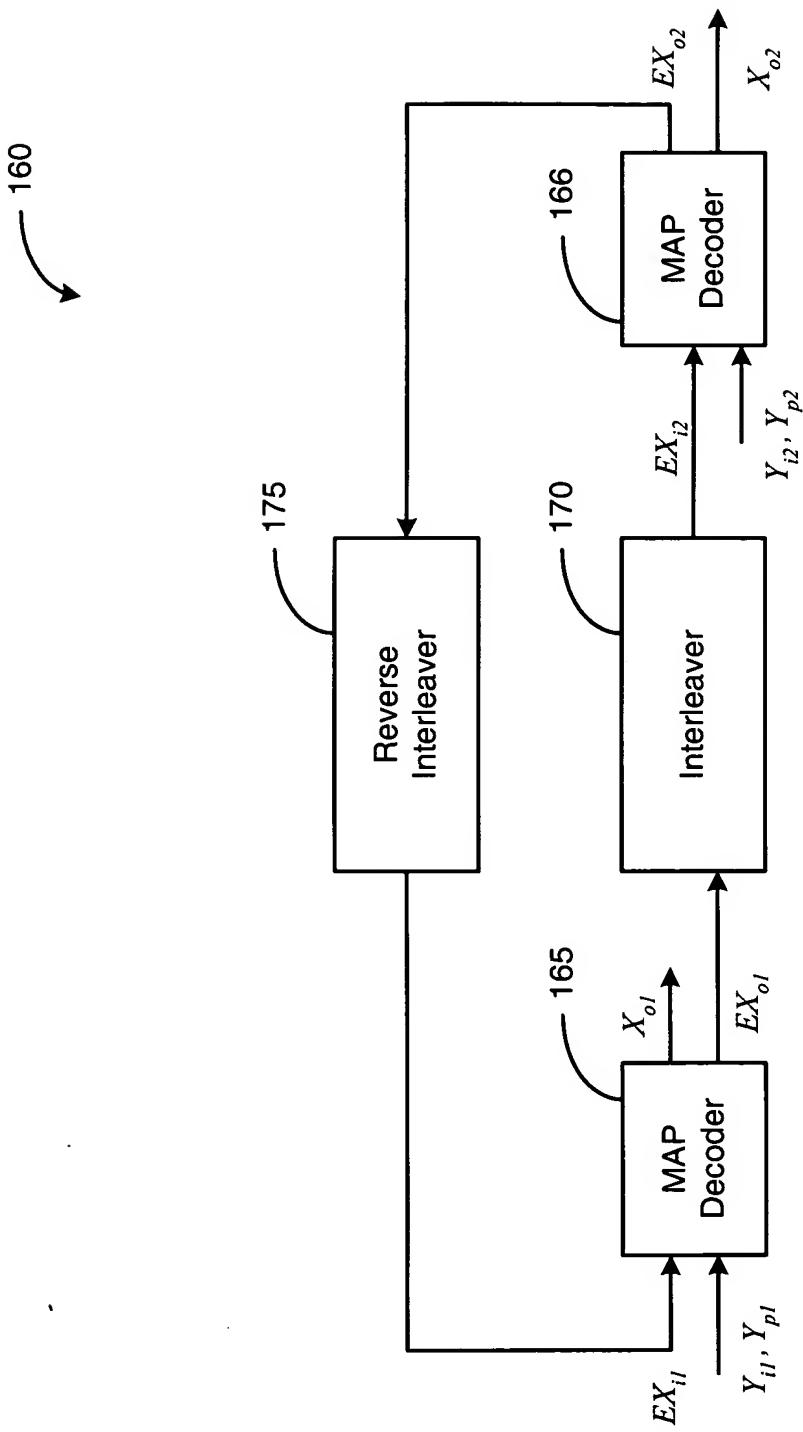


Figure 1B

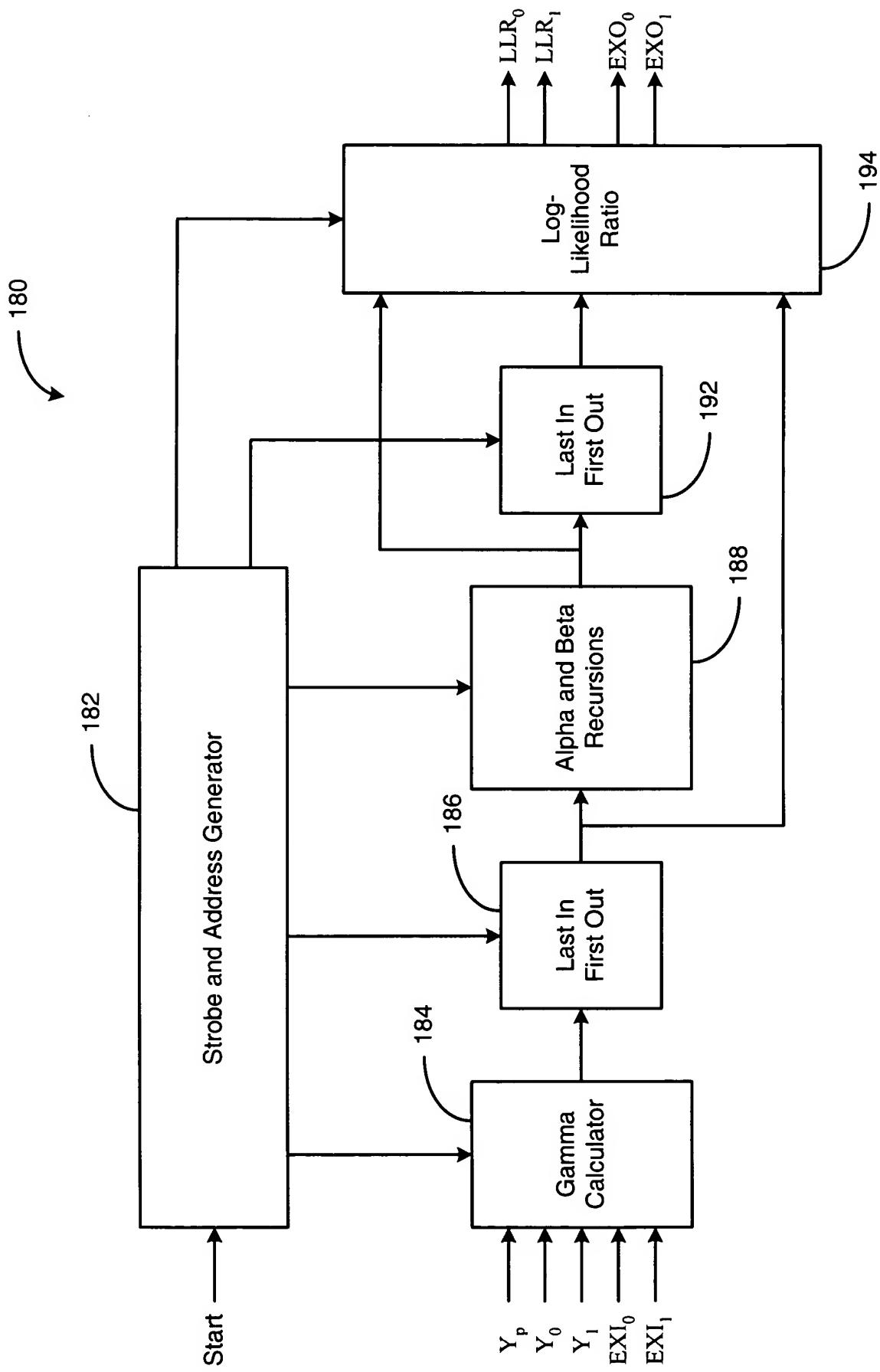


Figure 1C

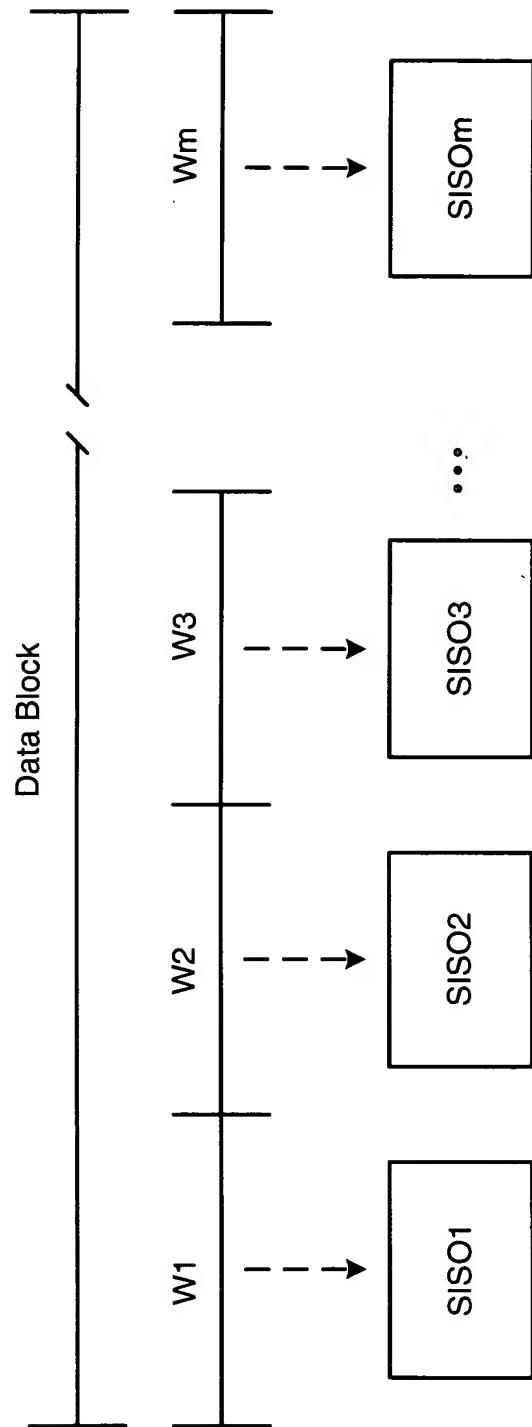


Figure 1D

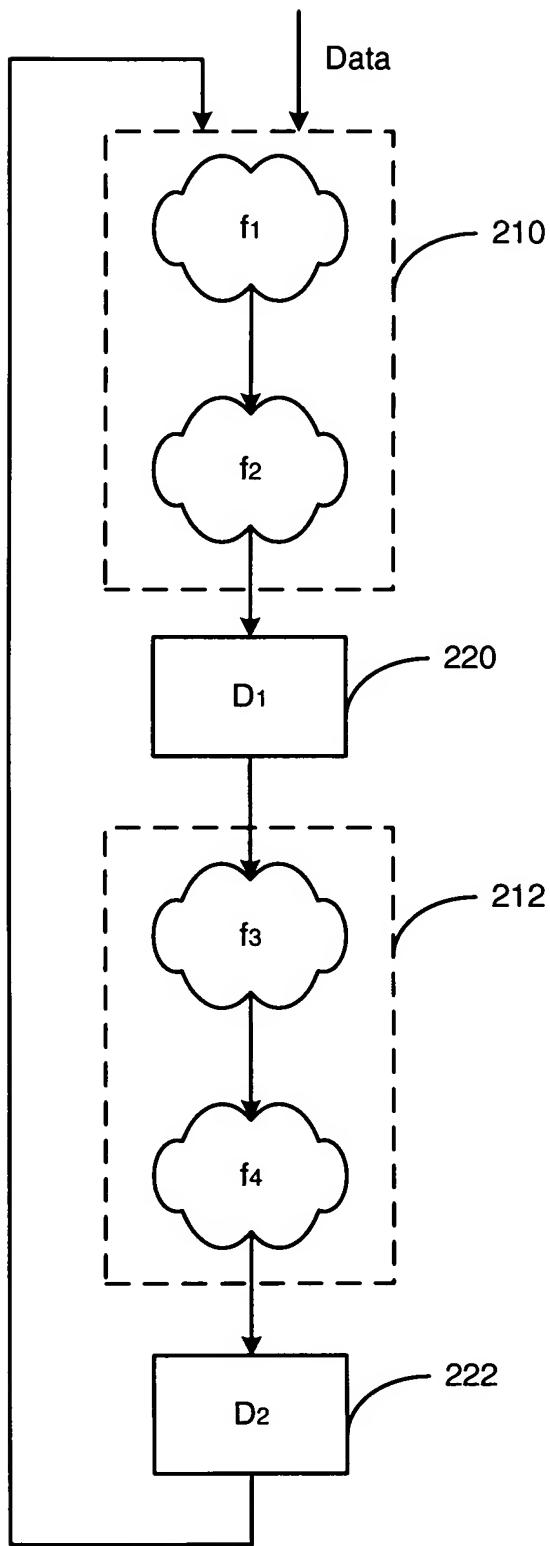


Figure 2

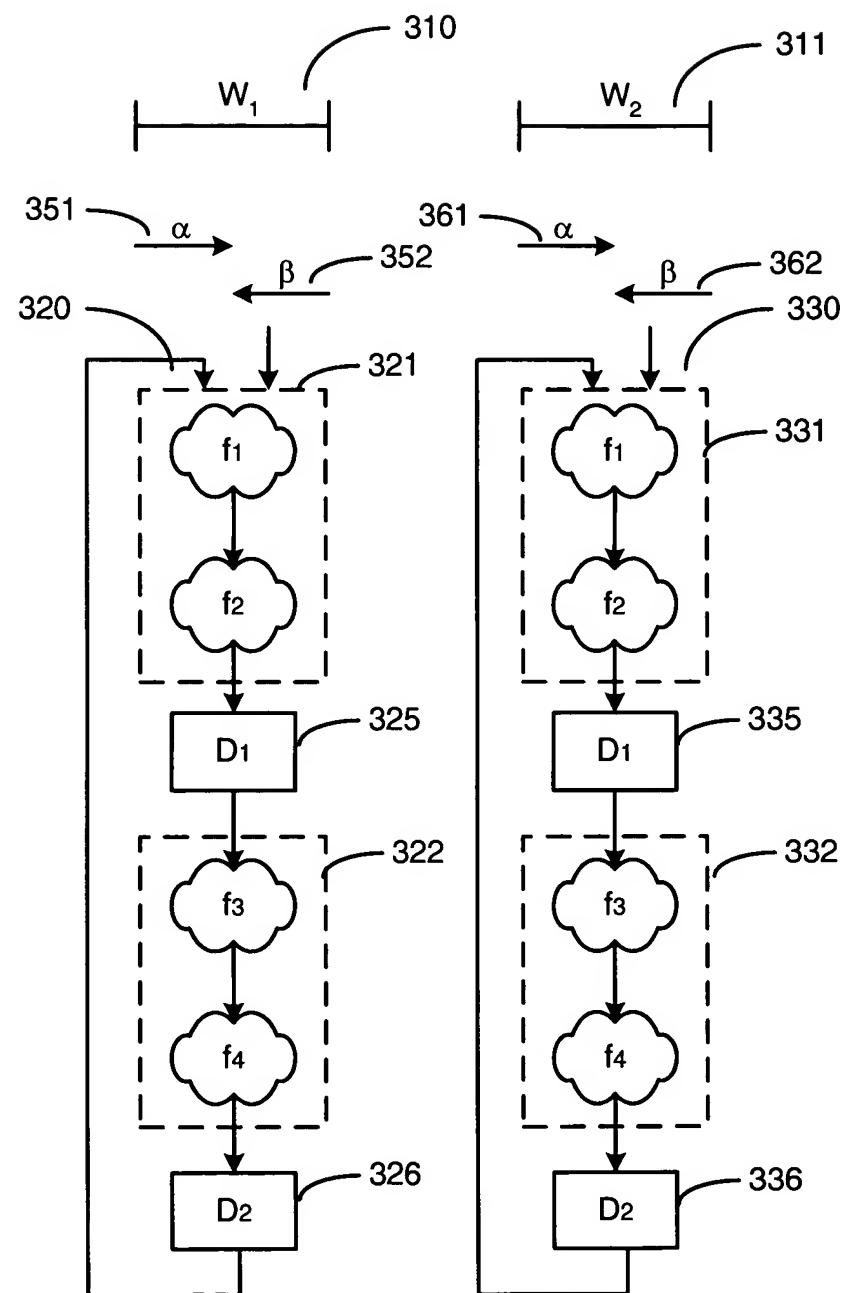


Figure 3

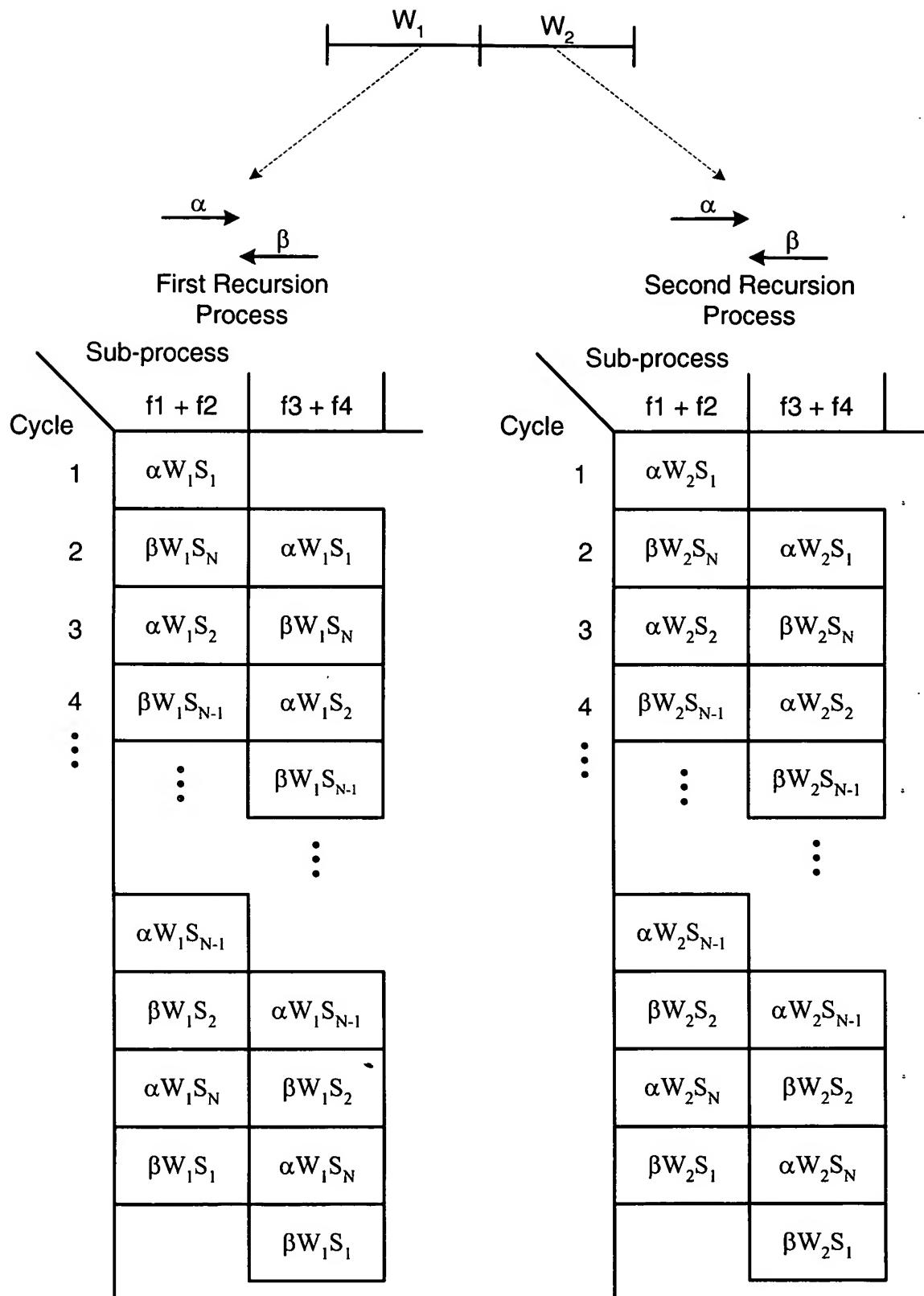


Figure 4

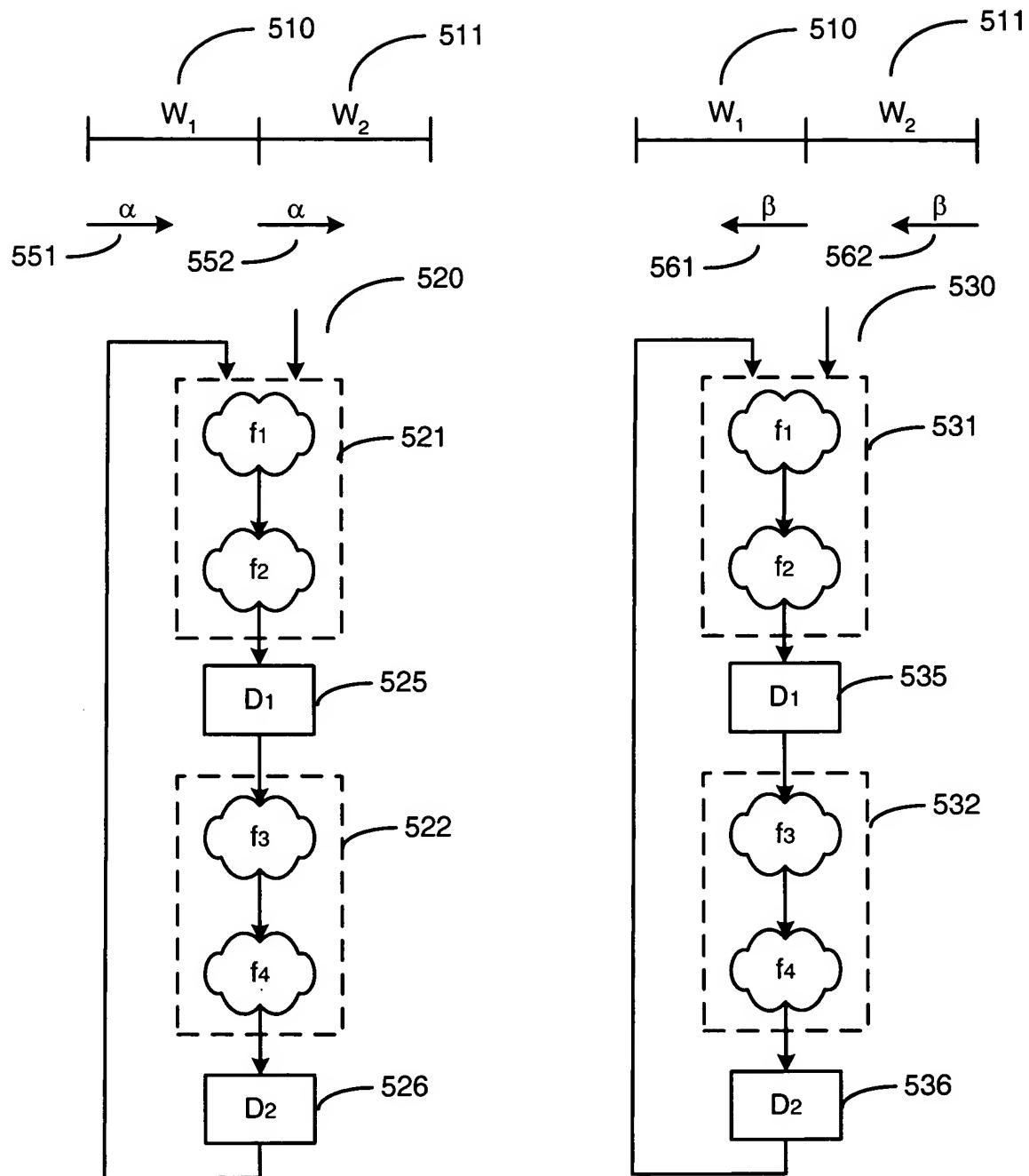


Figure 5

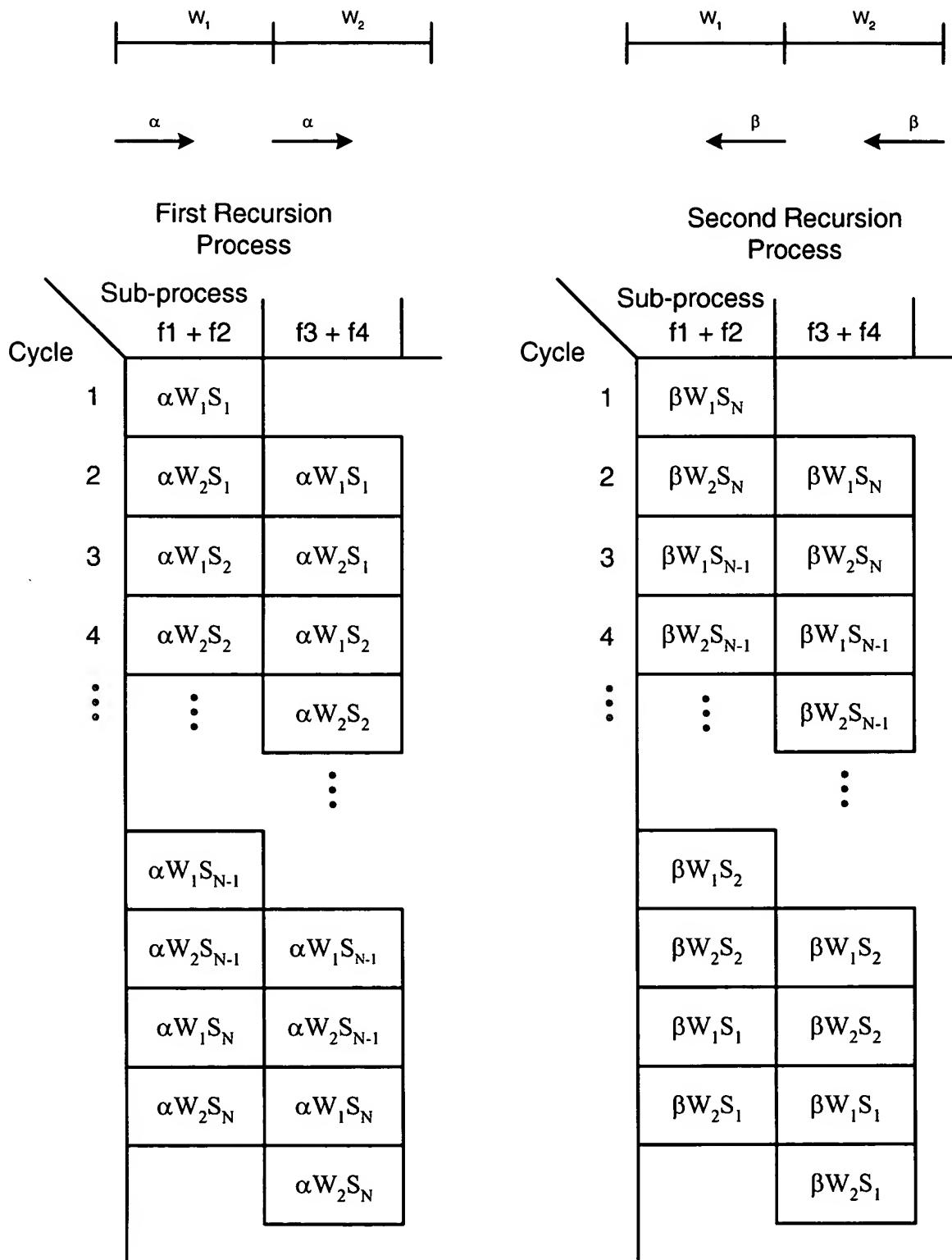


Figure 6

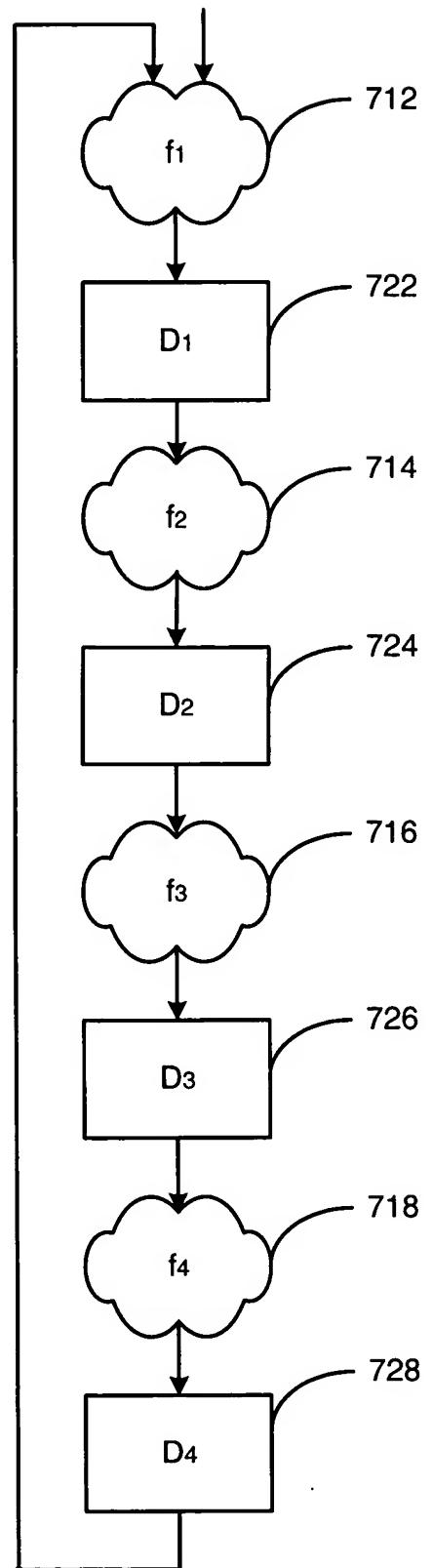


Figure 7

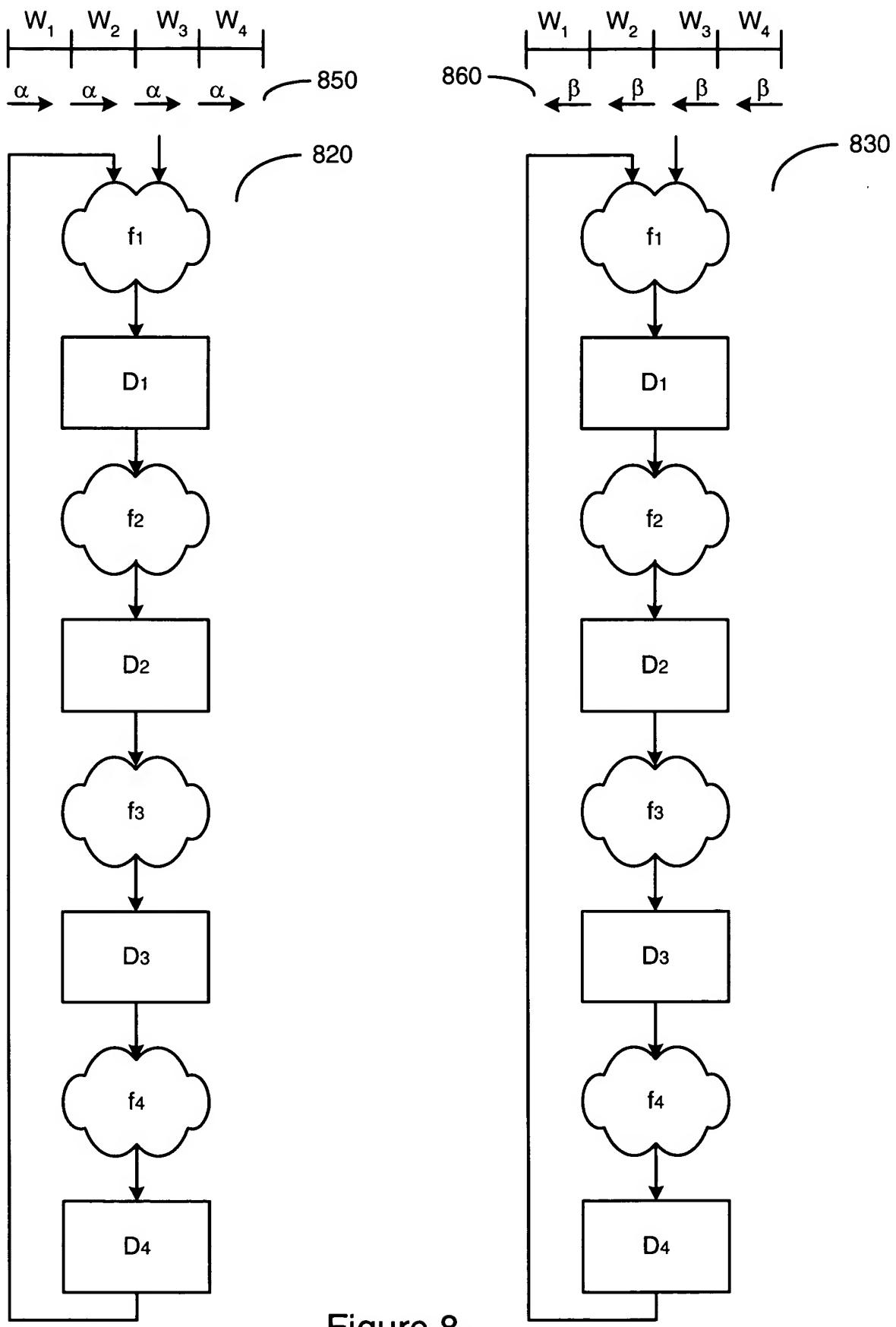


Figure 8

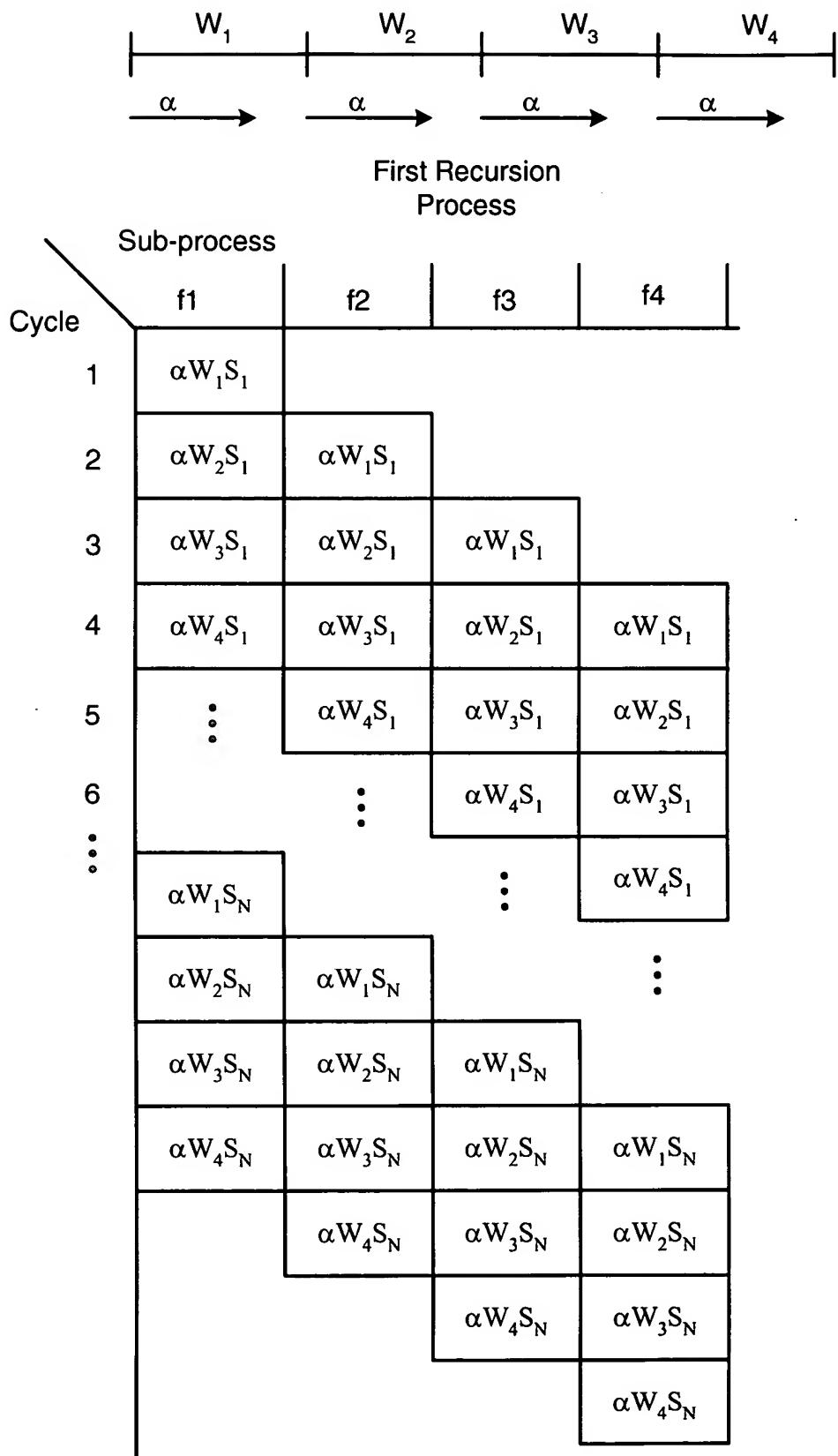
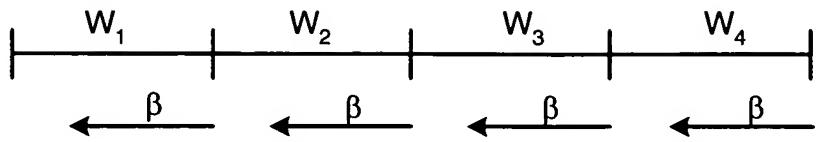


Figure 9A



		Second Recursion Process			
		Sub-process			
		f1	f2	f3	f4
1		$\beta W_1 S_N$			
2		$\beta W_2 S_N$	$\beta W_1 S_N$		
3		$\beta W_3 S_N$	$\beta W_2 S_N$	$\beta W_1 S_N$	
4		$\beta W_4 S_N$	$\beta W_3 S_N$	$\beta W_2 S_N$	$\beta W_1 S_N$
5	⋮		$\beta W_4 S_N$	$\beta W_3 S_N$	$\beta W_2 S_N$
6			⋮	$\beta W_4 S_N$	$\beta W_3 S_N$
⋮				⋮	$\beta W_4 S_N$
		$\beta W_1 S_1$			⋮
		$\beta W_2 S_1$	$\beta W_1 S_1$		⋮
		$\beta W_3 S_1$	$\beta W_2 S_1$	$\beta W_1 S_1$	
		$\beta W_4 S_1$	$\beta W_3 S_1$	$\beta W_2 S_1$	$\beta W_1 S_1$
			$\beta W_4 S_1$	$\beta W_3 S_1$	$\beta W_2 S_1$
				$\beta W_4 S_1$	$\beta W_3 S_1$
					$\beta W_4 S_1$

Figure 9B

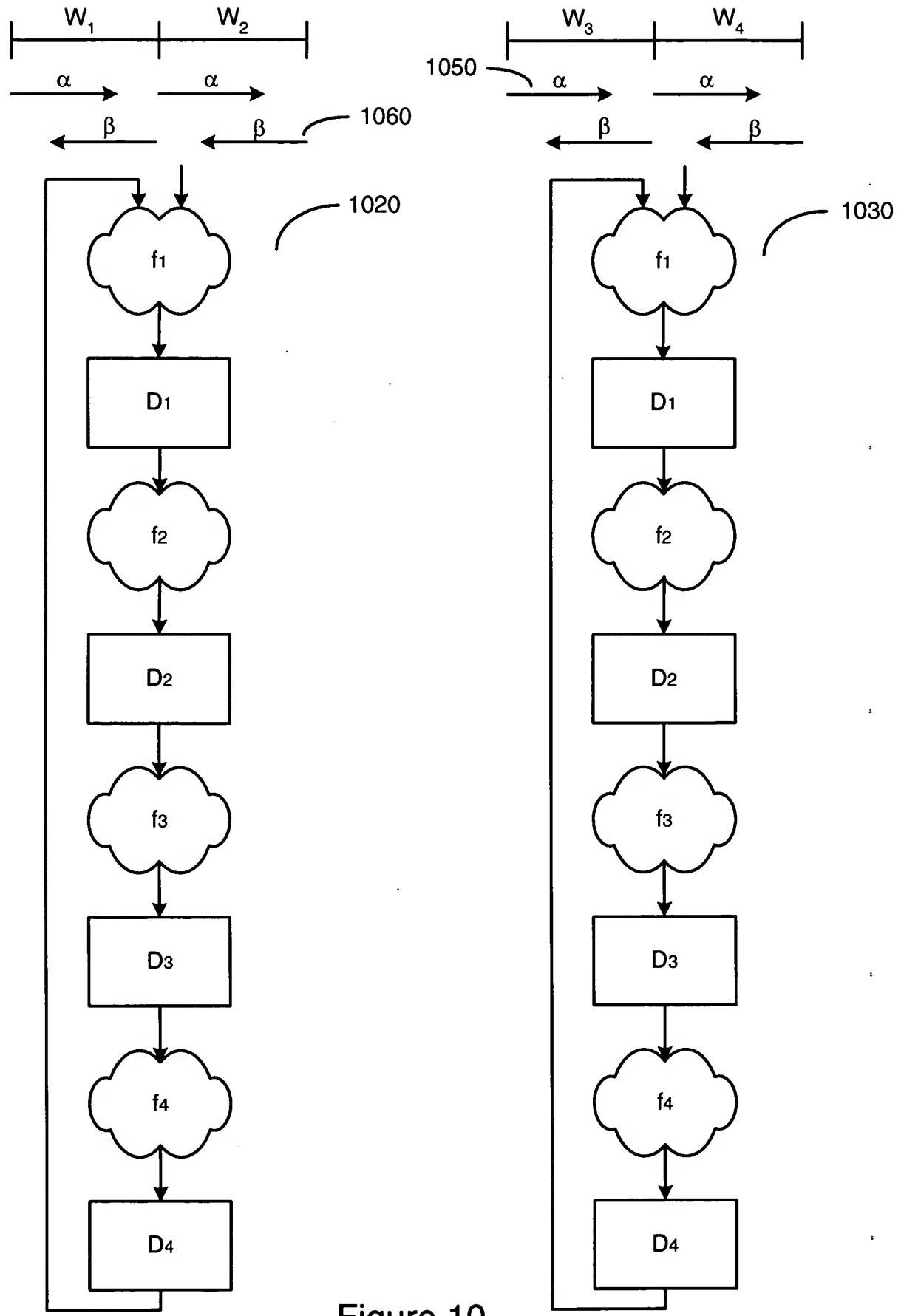
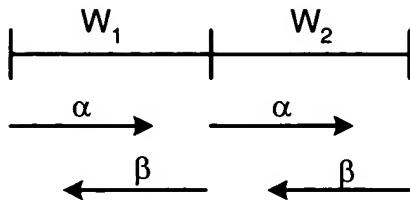


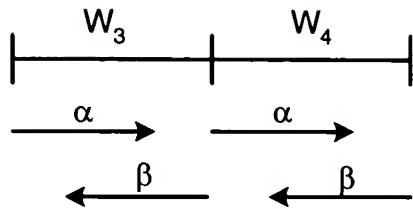
Figure 10



First Recursion  
Process

	Sub-process			
Cycle	f1	f2	f3	f4
1	$\alpha W_1 S_1$			
2	$\alpha W_2 S_1$	$\alpha W_1 S_1$		
3	$\beta W_1 S_N$	$\alpha W_2 S_1$	$\alpha W_1 S_1$	
4	$\beta W_2 S_N$	$\beta W_1 S_N$	$\alpha W_2 S_1$	$\alpha W_1 S_1$
5	$\vdots$	$\beta W_2 S_N$	$\beta W_1 S_N$	$\alpha W_2 S_1$
6		$\vdots$	$\beta W_2 S_N$	$\beta W_1 S_N$
$\vdots$	$\alpha W_1 S_N$		$\vdots$	$\beta W_2 S_N$
	$\alpha W_2 S_N$	$\alpha W_1 S_N$		$\vdots$
	$\beta W_1 S_1$	$\alpha W_2 S_N$	$\alpha W_1 S_N$	
	$\beta W_2 S_1$	$\beta W_1 S_1$	$\alpha W_2 S_N$	$\alpha W_1 S_N$
		$\beta W_2 S_1$	$\beta W_1 S_1$	$\alpha W_2 S_N$
			$\beta W_2 S_1$	$\beta W_1 S_1$
				$\beta W_2 S_1$

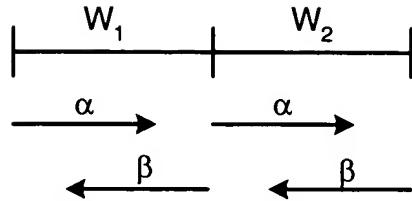
Figure 11A



Second Recursion  
Process

Cycle	Sub-process			
	f1	f2	f3	f4
1	$\alpha W_3 S_1$			
2	$\alpha W_4 S_1$	$\alpha W_3 S_1$		
3	$\beta W_3 S_N$	$\alpha W_4 S_1$	$\alpha W_3 S_1$	
4	$\beta W_4 S_N$	$\beta W_3 S_N$	$\alpha W_4 S_1$	$\alpha W_3 S_1$
5	$\vdots$	$\beta W_4 S_N$	$\beta W_3 S_N$	$\alpha W_4 S_1$
6		$\vdots$	$\beta W_4 S_N$	$\beta W_3 S_N$
$\vdots$	$\alpha W_3 S_N$		$\vdots$	$\beta W_4 S_N$
	$\alpha W_4 S_N$	$\alpha W_3 S_N$		$\vdots$
	$\beta W_3 S_1$	$\alpha W_4 S_N$	$\alpha W_3 S_N$	
	$\beta W_4 S_1$	$\beta W_3 S_1$	$\alpha W_4 S_N$	$\alpha W_3 S_N$
		$\beta W_4 S_1$	$\beta W_3 S_1$	$\alpha W_4 S_N$
			$\beta W_4 S_1$	$\beta W_3 S_1$
				$\beta W_4 S_1$

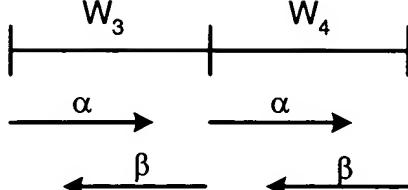
Figure 11B



First Recursion Process

		Sub-process			
		f1	f2	f3	f4
Cycle					
1		$\alpha W_1 S_1$			
2		$\beta W_1 S_N$	$\alpha W_1 S_1$		
3		$\alpha W_2 S_1$	$\beta W_1 S_N$	$\alpha W_1 S_1$	
4		$\beta W_2 S_N$	$\alpha W_2 S_1$	$\beta W_1 S_N$	$\alpha W_1 S_1$
5	$\vdots$		$\beta W_2 S_N$	$\alpha W_2 S_1$	$\beta W_1 S_N$
6			$\vdots$	$\beta W_2 S_N$	$\alpha W_2 S_1$
$\vdots$		$\alpha W_1 S_N$		$\vdots$	$\beta W_2 S_N$
		$\beta W_1 S_1$	$\alpha W_1 S_N$		$\vdots$
		$\alpha W_2 S_N$	$\beta W_1 S_1$	$\alpha W_1 S_N$	
		$\beta W_2 S_1$	$\alpha W_2 S_N$	$\beta W_1 S_1$	$\alpha W_1 S_N$
			$\beta W_2 S_1$	$\alpha W_2 S_N$	$\beta W_1 S_1$
				$\beta W_2 S_1$	$\alpha W_2 S_N$
					$\beta W_2 S_1$

Figure 11C


  
 Second Recursion Process

	Sub-process			
Cycle \ Sub-process	f1	f2	f3	f4
1	$\alpha W_3 S_1$			
2	$\beta W_3 S_N$	$\alpha W_3 S_1$		
3	$\alpha W_4 S_1$	$\beta W_3 S_N$	$\alpha W_3 S_1$	
4	$\beta W_4 S_N$	$\alpha W_4 S_1$	$\beta W_3 S_N$	$\alpha W_3 S_1$
5	$\vdots$	$\beta W_4 S_N$	$\alpha W_4 S_1$	$\beta W_3 S_N$
6		$\vdots$	$\beta W_4 S_N$	$\alpha W_4 S_1$
$\vdots$	$\alpha W_3 S_N$		$\vdots$	$\beta W_4 S_N$
	$\beta W_3 S_1$	$\alpha W_3 S_N$		$\vdots$
	$\alpha W_4 S_N$	$\beta W_3 S_1$	$\alpha W_3 S_N$	
	$\beta W_4 S_1$	$\alpha W_4 S_N$	$\beta W_3 S_1$	$\alpha W_3 S_N$
		$\beta W_4 S_1$	$\alpha W_4 S_N$	$\beta W_3 S_1$
			$\beta W_4 S_1$	$\alpha W_4 S_N$
				$\beta W_4 S_1$

Figure 11D